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THE Fats and Oils SITUATION

BUREAU OF AGRICULTURAL ECONOMICS
UNITED STATES DEPARTMENT OF AGRICULTURE
FOS-125 BAE JUNE 1948

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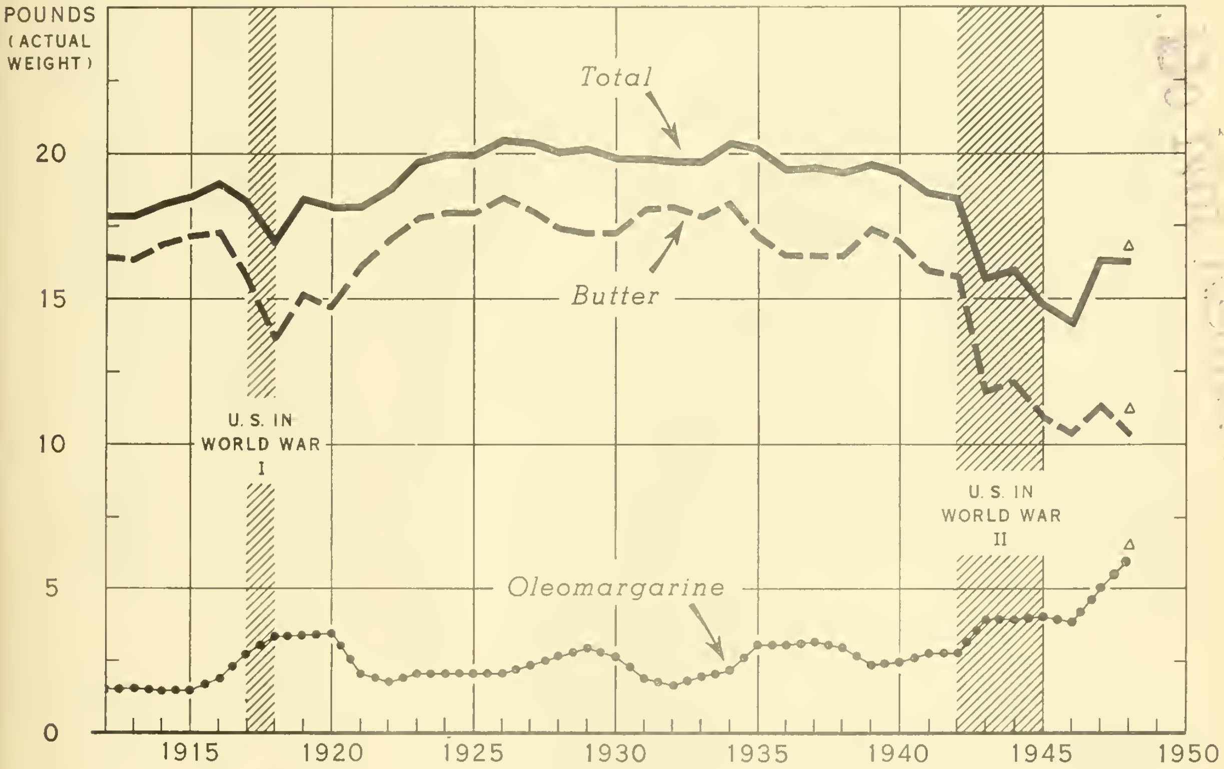
BUTTER AND OLEOMARGARINE DISAPPEARANCE PER PERSON, UNITED STATES, 1912-48*



*CIVILIAN DISAPPEARANCE, 1941-48
Δ 1948 PARTLY FORECAST

U. S. DEPARTMENT OF AGRICULTURE NEG. 46764 BUREAU OF AGRICULTURAL ECONOMICS

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Production and consumption of butter per person declined during World War I and remained below the prewar level for several years after the end of that war. A similar pattern, but with a more severe decline, developed after 1941. Consumption of oleomargarine has increased substantially since the end of World War II, in contrast to only a slight increase in the two years following World War I.

Table 1.- Wholesale prices per pound of fats, oils, and glycerin at specified markets, and index numbers of prices of fats and oils, May 1946 and 1947, March-May 1948

Item	May		1948		
	1946	1947	March	April	May
	Cents	Cents	Cents	Cents	Cents
Butter, 92-score, Chicago	46.5	60.2	79.3	80.4	79.7
Butter, 92-score, New York	47.2	61.3	80.7	82.8	80.1
Oleomargarine, dom. veg., Chicago	19.0	36.0	37.0	37.4	40.0
Shortening, cottonseed, hydrogenated, 10-drum lots, N. Y.	17.8	33.3	32.5	34.6	37.2
Shortening, cont. animal fat, 1-lb. cartons, Chicago	17.0	33.1	33.5	34.9	35.8
Lard, loose, Chicago	13.0	17.1	20.2	21.2	20.5
Lard, prime steam, tierces, Chicago	14.0	19.7	21.8	23.4	23.0
Lard, refined, 1-pound cartons, Chicago	15.8	20.4	24.2	25.2	24.0
Oleo oil, extra, tierces, Chicago	13.0	22.4	23.0	23.2	26.[illegible]
Oleostearine, tierces, N. Y.	10.5	1/ 24.8	23.6	23.5	25.8
Tallow, edible, Chicago	9.9	15.6	20.2	19.1	17.2
Corn oil, crude, tanks, f.o.b. mills	12.8	21.3	23.2	28.1	33.5
Corn oil, refined, drums, New York	16.6	27.7	29.8	35.1	42.4
Cottonseed oil, crude, tanks, f.o.b. S.E. mills	12.8	23.6	23.9	29.2	34.6
Cottonseed oil, p.s.y., tank cars, N.Y. (nearby futures)	2/14.3	25.7	26.2	30.6	36.2
Cottonseed oil, refined, drums, New York	16.5	29.6	30.4	35.8	42.0
Peanut oil, crude, tanks, f.o.b. mills	13.0	24.5	24.2	29.1	33.2
Peanut oil, refined, drums, N. Y.	16.5	31.6	30.2	35.9	41.8
Soybean oil, crude, tank cars, midwestern mills	11.8	21.4	21.4	24.5	26.3
Soybean oil, refined, drums, N. Y.	15.4	26.9	26.9	29.7	32.2
Coconut oil, crude, tank car lots, Pacific Coast 3/	4/11.0	17.6	25.4	27.0	28.2
Coconut oil, refined, drums, New York (tax included)	5/12.8	4/ 23.7	35.5	20.5	34.5
Olive oil, imported, edible, drums, N. Y.	---	92.0	58.4	59.9	59.6
Olive oil, California, edible, drums, N. Y.	58.7	83.3	58.4	58.4	56.7
Olive - oil foots, domestic, drums, carlots, N. Y.	18.0	---	25.2	25.2	25.2
Sesame oil, tanks Pacific Coast	15.2	38.0	---	29.0	34.0
Tallow, inedible, prime or extra, carlots, Chicago	8.6	14.3	19.0	17.4	13.8
Tallow, No. 1, inedible, Chicago	8.4	13.4	18.1	16.7	12.7
Grease, A White, Chicago	8.8	14.0	18.6	17.2	13.3
Menhaden oil, light pressed, tanks, N. Y.	12.2	24.8	21.0	21.0	21.0
Sardine oil, crude, tanks, Pacific Coast	8.9	23.5	18.5	19.0	19.0
Cottonseed-oil foots, raw (50% T.F.A.) delivered, East	3.6	6.0	6.0	6.4	5.6
Linseed oil, raw, tank cars, Minneapolis	14.3	34.1	27.7	27.3	27.2
Linseed oil, raw, drums, carlots, N.Y.	15.5	37.6	29.2	29.0	29.0
Oiticica oil, drums, f.o.b. N.Y.	25.5	28.5	24.2	24.2	24.0
Tung oil, drums, carlots, N.Y.	39.2	29.2	26.4	25.7	25.8
Tung oil, tanks, f.o.b. Pacific Coast	---	27.3	24.8	24.3	24.2
Castor oil, No. 3, drums, carlots, N.Y.	14.8	32.0	26.0	24.7	23.5
Castor oil, No. 1, tanks, N.Y.	14.2	30.5	25.5	24.2	23.0
Castor oil, dehydrated, tanks, N.Y.	19.4	35.6	28.5	27.2	26.0
Cod-liver oil, med. U.S.P. bbl., N.Y.	35.2	41.0	33.6	33.6	34.5
Cod oil, Newfoundland, drums, N.Y.	11.9	---	23.0	23.3	24.5
Glycerin, soaplye, basis 80%, tanks, N.Y.	11.5	32.5	29.5	25.6	28.0
INDEX NUMBERS (1935-39 = 100)					
Eight domestic fats and oils (1910-14 = 100)	152	221	264	276	275
Eight domestic fats and oils (.72*)	150	218	260	272	272
All fats and oils (27 items) (.73*)	158	236	268	278	282
All fats and oils, except butter (26 items) (.82*)	155	266	265	282	293
Grouped by origin:					
Animal fats (.69*)	152	206	262	267	261
Marine animal oils (.77*)	171	6/ 457	383	384	391
Vegetable oils, domestic (.84*)	160	306	294	333	383
Vegetable oils, foreign (.88*)	177	311	269	276	281
Grouped by use:					
Butter (.67*)	157	204	270	273	272
Butter, seasonally adjusted (.67*)	170	224	261	288	296
Lard (.78*)	137	192	213	229	226
Other food fats (.84*)	168	292	285	321	369
All food fats (.71*)	156	223	265	276	285
Soap fats (.80*)	150	262	301	302	282
Drying oils (.85*)	174	355	280	278	278
Miscellaneous oils (.71*)	163	327	313	306	303
All industrial fats and oils (.82*)	160	305	291	290	280

Prices compiled from Oil, Paint and Drug Reporter, The National Provisioner, The Journal of Commerce (New York), Chicago Journal of Commerce, and reports of Production and Marketing Administration and Bureau of Labor Statistics. Excise taxes and duties included where applicable. Index numbers of earlier years beginning 1910 are in Technical Bulletin No. 737 (1940) and The Fats and Oils Situation beginning December 1940.

1/ Loose. 2/ Ceiling price. 3/ Three-cent processing tax added to prices as originally quoted. 4/ Bulk, c.i.f. 5/ Tank cars. 6/ Applies to sardine and menhaden oils only.
* Multiply by this factor to convert current index number (1935-39 = 100) to old basis (1924-29 = 100).

THE FATS AND OILS SITUATION

Approved by the Outlook and Situation Board, July 6, 1948

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SUMMARY

The exceptionally wide dispersion in May among prices of food and soap fats was narrowed somewhat in June. Prices of inedible tallow and greases averaged about 16 cents per pound in June compared with 14 cents in May. Prices of crude cottonseed, corn, and peanut oils in late June were about 33 cents, slightly below the May averages. The price of lard (tank-car lots, Chicago) remained between 20 and 21 cents per pound. Because output of cottonseed oil will rise seasonally after July, and production of lard and grease will decline seasonally in July-September, a further narrowing of the price differential between edible vegetable oils and animal fats is likely this summer.

The Chicago wholesale price of butter averaged 81 cents per pound in June, slightly more than in April and May. The seasonally adjusted index of wholesale butter prices in June was 300 (1935-39=100) compared with an average of 240 in 1947. The June index of wholesale prices of 26 major fats and oils, excluding butter, was about 300 compared with 293 in May and an average of 285 in 1947.

The 1948 spring pig crop is estimated to have been 51.4 million head, 3 percent less than a year earlier. The number of sows farrowing spring pigs this year was 8 percent less than in 1947, but the number of pigs saved per litter was unusually large. On the basis of farmers' plans June 1 and assuming an average number of pigs saved per litter, the 1948 fall pig crop will be about 31 million head, 1 percent less than in 1947. These reductions in the spring and fall pig crops probably will be reflected in a slight decline in lard and grease output in the year beginning October 1948. In most past years, lard output has varied approximately in proportion to the size of the pig crop. Production of lard in October 1947-September 1948 probably will total about 2,300 million pounds compared with 2,399 million pounds in 1946-47.

Export allocations of fats and oils for July-September this year, announced in mid-June, total 90 million pounds, compared with allocations of 303 million pounds in the same quarter a year ago. Exports in the first 9 months of 1948, including the oil equivalent of shelled peanuts for crushing, may total 550-600 million pounds compared with 660 million pounds a year earlier. Total exports of fats and oils in the first half of 1948 were substantially heavier than in the same period of 1947. Part of these exports were against 1947 fourth-quarter allocations, to the extent to which licenses issued in the fourth quarter were unused at the year end.

Production and consumption of oleomargarine in the United States reached new highs in 1947, approximately one-third above the 1946 level and more than twice prewar. Output of oleomargarine in 1947 totaled 746 million pounds (product weight). Domestic disappearance, including small purchases by the Army, was 715 million pounds. The balance was exported or shipped to U. S. Territories. Production and consumption of oleomargarine continued at a high level in early 1948.

Use of corn, cottonseed, peanut and soybean oils in oleomargarine in 1947 amounted to 19 percent of the combined production of these oils, compared with 10 percent prewar, when domestic vegetable-oil output was materially smaller than in 1947. Domestic vegetable oils constituted 95 percent of the total quantity of fats and oils used in oleomargarine in 1947, compared with 70 percent in 1937-41.

The number of retail stores federally licensed to sell oleomargarine in 1946-47, the latest period for which data are available, totaled 271,000 compared with 163,000 in 1941-42. Of the total number of retail food stores, the percentage selling oleomargarine increased to about 45 percent from 30 percent in the earlier period.

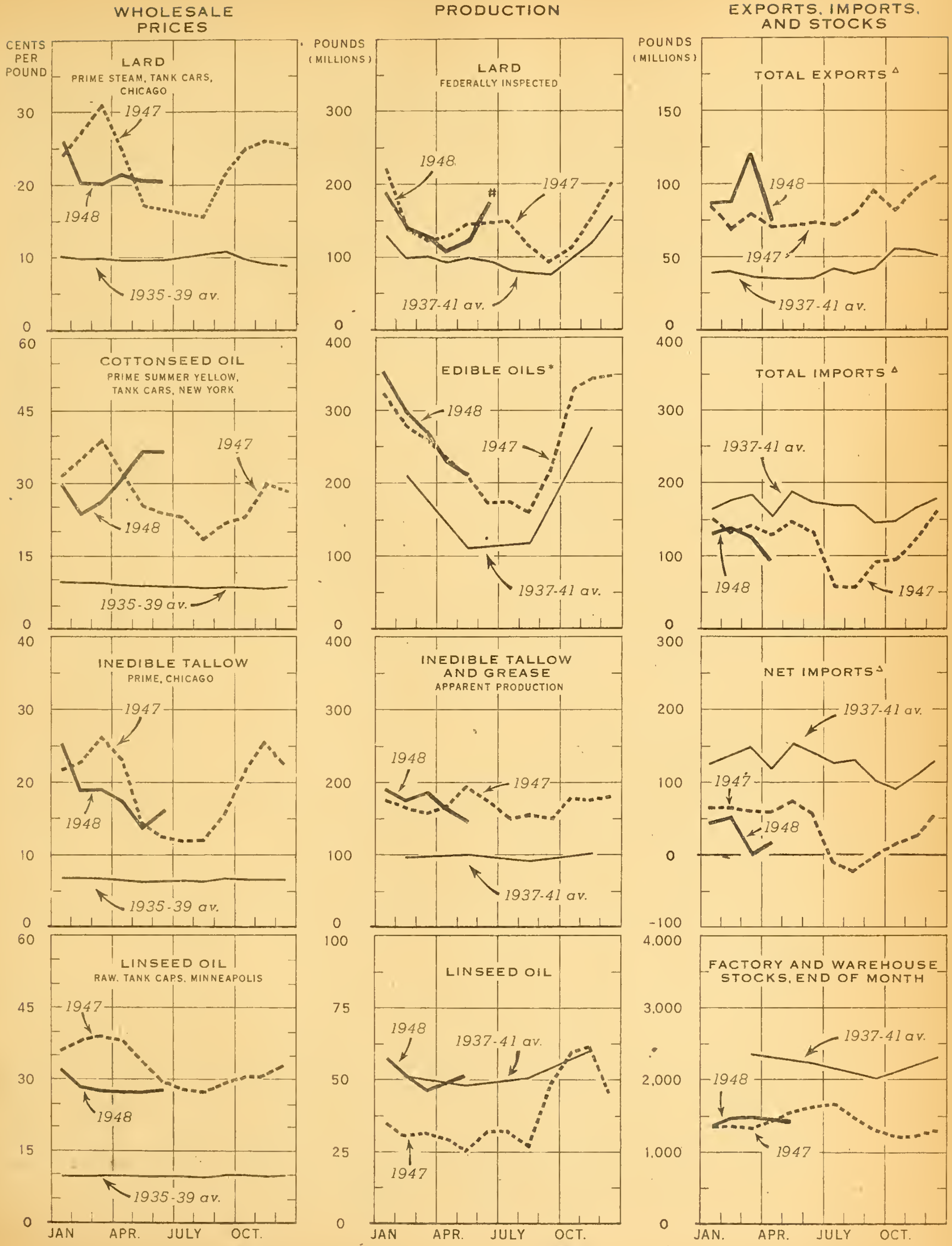
Since 1945, one State has removed its excise tax on oleomargarine, and two States have substantially reduced or eliminated license fees payable by manufacturers and distributors. Two States have repealed legislation prohibiting the sale of colored oleomargarine, and in two other States the Attorneys General have ruled that the laws do not prohibit the sale of colored oleomargarine.

RECENT DEVELOPMENTS

Prices of Edible Oils and Tung Oil Decline in June; Prices of Inedible Tallow and Grease Up

Prices of cottonseed, corn, soybean and peanut oils declined in late June. Crude cottonseed, peanut, and corn oils, f.o.b. mills, on July 6 were quoted at 32 to 33 cents per pound, moderately below the May averages. The price of crude soybean oil July 6 was 24.2 cents per pound compared with 26.3 cents in May. The price of lard, tankcar lots, Chicago, remained between 20 and 21 cents per pound during June and the first few days of July. Inedible tallow and greases rose to a June average of 16 cents per pound compared with 14 cents in May.

FATS AND OILS SITUATION AT A GLANCE



*INCLUDES COTTONSEED, SOYBEAN, CORN, AND PEANUT OILS

ESTIMATED FROM WEEKLY DATA

△ INCLUDES OIL EQUIVALENT OF OILSEEDS AND MANUFACTURED PRODUCTS

U. S. DEPARTMENT OF AGRICULTURE

The price of tung oil (tank cars, Pacific Coast) July 6 was about 22 cents per pound compared with an average of 24.5 cents in May. The decline since May reflects a decline in tung oil prices in China.

The price of butter remained high in June. The wholesale price of 92-score butter at Chicago averaged 81 cents per pound, the highest since February and almost 20 cents higher than in June 1947. The seasonally adjusted index of the wholesale price of butter in June was 300 (1935-39=100). This was about on a par with wholesale prices of other fats and oils. The index number of wholesale prices of 26 major items other than butter in June was about 300. In 1947, the butter price index averaged only 240, compared with 285 for other fats and oils.

Table 2.- Wholesale prices per pound of leading fats and oils, June 1948 with comparative data

Item	Average 1935-39	1947	1948 May	1948 June
	Cents	Cents	Cents	Cents
Butter, 92-score, Chicago	29.3	70.6	79.7	80.9
Lard, tank car lots, Chicago	9.8	22.5	20.5	20.4
Cottonseed oil, crude, S.E. mills	7.6	25.9	34.6	35.4
Soybean oil, crude, Midwest mills	6.8	23.3	26.3	27.3
Coconut oil, crude, Pacific Coast 1/	7.3	20.7	28.2	28.8
Inedible tallow, prime, Chicago	6.6	19.2	13.8	15.8
Linseed oil, raw, tank cars, Mpls.	9.2	32.8	27.2	27.6
Tung oil, tank car lots, Pacific Coast	15.8	29.0	24.5	24.0

1/ Three cents added to allow for tax on first domestic processing.

Exports of Fats and Oils to be Reduced in Third Quarter

Export allocations of fats and oils for July-September, recently announced by the U. S. Department of Agriculture, total 90 million pounds. Export allocations a year earlier amounted to 303 million pounds. The current allocations include 41 million pounds of lard, 11 million pounds (fat content) of margarine, shortening, and edible oils, 24 million pounds of inedible tallow and grease, 8 million pounds (fat content) of soap, and 6 million pounds of other inedible oils and fats.

Supplementary allocations announced during April-June 1948 increased total allocations for that quarter from 84 million pounds, as originally announced in March, to 162 million pounds. On the basis of announced allocations and actual exports during the first 5 months of 1948--some of which were made against 1947 fourth-quarter allocations--exports of fats and oils from the United States in January-September this year probably will total 550-600 million pounds, including about 100 million pounds oil equivalent of shelled peanuts for crushing. In January-September 1947, exports totaled 660 million pounds, including 42 million pounds of oil equivalent of shelled peanuts for crushing.

RECENT TRENDS IN OLEOMARGARINE

Production and Consumption of Margarine Setting New Records

Production of oleomargarine in 1947 reached a new peak of 746 million pounds. This compares with 573 million pounds in 1946 and the 1937-41 average of 354 million pounds (table 6). Domestic disappearance of margarine also reached a new high in 1947. The total, including a small quantity procured by the Army, was 715 million pounds compared with 538 million pounds a year earlier and 353 million pounds prewar. Disappearance into civilian trade channels in 1947 amounted to 5.0 pounds per person (product weight) compared with 3.8 pounds in 1946 and 2.7 pounds prewar. Exports of margarine in 1947 were substantially reduced from 1946 but were still materially larger than before the war.

Civilian disappearance of oleomargarine in January-March 1948, as measured by tax-paid withdrawals, reached a new quarterly high of 235 million pounds compared with 234 million pounds the preceding quarter and 198 million pounds in January-March 1947. Tax-paid withdrawals continued large in April 1948. As production of butter is expected to continue at about the present level, except for seasonal variation, consumption of margarine in 1948 may remain at about the level indicated by January-April tax-paid withdrawals. If so, allowing for seasonal variation, 1948 disappearance would be about 860 million pounds, equivalent to nearly 6 pounds per person.

Table 3. - Oleomargarine, colored and uncolored: Tax-paid withdrawals, United States, 1937-48 1/

Year	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Total
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Average 1937-41	97	80	80	95	352
1942	97	73	77	117	364
1943	162	76	115	147	500
1944	128	94	111	163	496
1945	161	120	112	132	525
1946	138	118	111	166	532
1947	199	116	162	234	712
1948	235				

Compiled from reports of the Bureau of Internal Revenue. Yearly total computed from unrounded numbers.

1/ Tax-paid withdrawals are a close indication of the movement of oleomargarine into civilian trade channels. The only corrections necessary, which are slight, are to deduct shipments to Territories and to add United States Government withdrawals for use in institutions.

Use of Colored Margarine Increasing

Tax-paid withdrawals of colored oleomargarine, as a percentage of both colored and uncolored, increased from 3.4 percent of the total in 1946 to 4.3 percent in 1947 (table 10). In January-March 1948 there was a further increase to 6.5 percent.

Changes in consumption of colored oleomargarine in the United States are associated with changes in the difference between the price of butter and the price of margarine. From 1932 to 1941, tax-paid withdrawals of colored margarine were less than 1 million pounds a year. In this period the retail price of butter in leading cities of the United States averaged about 8 cents per pound above the price of colored margarine. In contrast, tax-paid withdrawals of colored margarine averaged 12 million pounds a year in 1925-29, when the price difference was about 17 cents; 12 million pounds a year in 1942-46, when the price difference was about 20 cents; and 31 million pounds in 1947, when the price difference was about 30 cents.

Production of colored margarine in the United States in 1947 was materially less than during the war, when large quantities were manufactured for export (table 6).

Table 4. - Retail price per pound of butter and oleomargarine in leading cities and tax-paid withdrawals of colored margarine, United States, specified periods

Period	Price of butter	Price of oleomargarine		Differences between prices of butter and colored oleomargarine	Tax-paid withdrawals, colored oleomargarine
		Uncolored 1/	Colored 1/		
	Cents	Cents	Cents	Cents	Mil. lb.
Average:					
1925-29	55.5	28.6	38.6	16.9	11.9
1932-41	34.8	16.6	26.6	8.2	.6
1942-46	54.3	24.4	34.4	19.9	12.1
1947	80.5	40.8	50.8	29.7	30.8
Jan.-Mar. 1948	90.2	41.4	51.4	38.8	15.4

Compiled from reports of Bureau of Labor Statistics and Bureau of Internal Revenue.

1/ The average price of oleomargarine in leading cities, reported by the Bureau of Labor Statistics, represents uncolored oleomargarine almost exclusively. The price of colored margarine is assumed here to be 10 cents higher than the price of uncolored. This spread is the approximate difference between the Federal excise tax on colored margarine (10 cents per pound) and that on uncolored (0.25 cent per pound).

Rapid Increase Since 1941 in Number Of Margarine Distributors

The number of retail establishments federally licensed to sell oleomargarine increased from 163,000 in fiscal year 1921-42 to 271,000 in 1946-47--an average of over 20,000 additional stores annually. Of the total number in 1946-47, 266,000 were licensed to sell only uncolored oleomargarine (table 11). Since the total number of all retail food establishments was about the same in 1946-47 as five years earlier (550,000-600,000 stores), the percentage of retail food stores selling oleomargarine rose during the five-year period from about 30 percent to about 45 percent. In 1941-42 there was one licensed store for every 811 persons in the United States; in 1946-47, one store for every 523 persons.

The number of retail establishments with Federal licenses to sell colored oleomargarine increased from 32 in 1941-42 to 5,102 in 1946-47. Stores selling colored oleomargarine were located in only 8 States in 1941-42 but in 26 States five years later (table 12).

Some Reductions Since 1945 in State Margarine Taxes and Fees

Since January 1, 1946, the State excise tax on margarine has been removed in Arkansas. 1/ State license fees have been substantially reduced in Pennsylvania and eliminated in Utah. Prohibition of the sale of colored margarine was repealed in New Jersey and Massachusetts by the 1948 sessions of the State legislatures. In Massachusetts, this repeal will be effective next September 1; in New Jersey, it is already in effect. Besides legislative repeal in New Jersey and Massachusetts, the Attorneys General of Maine and Maryland have ruled that sale of properly labeled colored oleomargarine is not prohibited in those States. The South Dakota tax and license fee paybale by consumers for oleomargarine purchased outside the State were declared unconstitutional by the State Supreme Court in 1946.

On July 1, 1948, excise taxes on the sale of margarine were levied by 19 States (table 13). These taxes varied among States from 5 to 15 cents per pound. Seven States taxed sales of margarine regardless of the materials used in manufacture. Eleven States taxed sales of margarine containing foreign oils. Two States taxed sales of margarine not containing a specified minimum percentage of animal fats. In three States, colored margarine was taxed at a higher rate than uncolored, and in 20 States the sale of colored margarine was prohibited.

License fees to manufacture or sell margarine were required by 15 States on July 1, 1948. Annual rates for manufacturers and wholesalers varied from one dollar to 1,000 dollars; for retailers, from 50 cents to 400 dollars.

Federal taxes on domestic oleomargarine, unchanged since 1931, are as follows: Excise tax on oleomargarine withdrawn for consumption in the United States, payable by manufacturers--10 cents per pound on yellow and 0.25 cent per pound on uncolored; annual occupational tax--manufacturers, $600; wholesalers, $480; and retailers, $48; except that if only uncolored oleomargarine is handled, wholesalers pay $200 and retailers $6.

1/ State margarine tax and license fees on January 1, 1946 were shown in table 9, page 22, The Fats and Oils Situation for March-April 1946. The same information for January 1, 1939 was published in table 1, page 6, State and Federal Legislation and Decisions Relating to Oleomargarine (mimeographed), Bureau of Agricultural Economics, Washington, D. C., January 1939.

The import duty on oleomargarine was reduced January 1, 1948 from 14 cents per pound to 7 cents per pound by a trade agreement with the Netherlands negotiated last November at Geneva, Switzerland. Oleomargarine imported from the Philippine Republic is duty-free until July 3, 1954, under section 201 of the Philippine Trade Act of 1946. In addition to the tariff, imported margarine is subject to an internal revenue tax of 15 cents per pound, payable by the importer. Since the Philippines became independent this tax has applied to oleomargarine from the Philippines as well as from other countries. If imported oleomargarine contains oils which are subject to a tax on the first domestic processing, a compensatory excise tax must be paid on such oil content of the imported oleomargarine.

Domestic Vegetable Oils Remain the Chief Source of Fat for Margarine

Domestic vegetable oils in 1947 accounted for nearly 95 percent of the total quantity of oils and fats used in margarine. Cottonseed and soybean oils comprised 91 percent of the total (table 15). These percentages have not changed much since 1942.

Government allocations of edible oils during the war maintained use of soybean oil in margarine at an unusually high level. After the end of controls in October 1946, use of soybean oil in margarine declined in relation to the use of cottonseed oil. Cottonseed oil in 1947 constituted 53 percent of the total fat used in margarine, compared with an average of 48 percent in 1942-46. Use of soybean oil in 1947 was 38 percent of the total compared with 41 percent in 1942-46. The shift from soybean oil to cottonseed oil in margarine continued in early 1948.

Coconut oil contributed 3.5 percent of the total quantity of fats and oils used in margarine in 1947. About one-third of the coconut oil used in margarine was in margarine for export. Animal fats were an unimportant source of fat for margarine in 1947, as in 1946.

Margarine manufacture in 1947 took 19 percent of the total domestic disappearance of corn, cottonseed, peanut, and soybean oils. This compares with 15 percent in 1946 and 9 percent prewar. Margarine manufacture in 1947 took 29 percent of the cottonseed oil used in the United States compared with 19 percent in 1946 and 9 percent prewar.

Table 5.- Domestic vegetable oils: Domestic disappearance and use in margarine, average 1937-41, annual 1946 and 1947

Item	Average 1937-41		1946		1947	
	Domestic disappearance	Use in margarine as percentage of domestic disappearance	Domestic disappearance	Use in margarine as percentage of domestic disappearance	Domestic disappearance	Use in margarine as percentage of domestic disappearance
	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent
Corn oil	164	1	195	3	253	3
Cottonseed oil	1,552	9	1,185	19	1,112	29
Peanut oil	98	3	116	12	138	13
Soybean oil	400	15	1,409	14	1,448	16
Total 4 items	2,214	9	2,905	15	2,951	19

Table 6. - Oleomargarine, actual weight: Supply and disposition, 1912-48

Year	Production			Apparent change in stocks	Net supply	Disposition					
						Exports	Shipments to U. S. Territories	Domestic disappearance			
	Colored	Uncolored	Total					Military procurement	Civilian	Military and civilian, per person	Civilian, per person
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Lb.	Lb.
1912	6.3	135.9	142.2	+.6	141.6	2.8	N.A.	---	138.8	1.4	1.4
1913	7.0	145.1	152.0	-.3	152.3	2.4	N.A.	---	149.9	1.5	1.5
1914	6.0	135.2	141.2	+.4	140.7	1.8	N.A.	---	138.9	1.4	1.4
1915	7.7	134.3	142.0	-.4	142.3	3.5	N.A.	---	138.8	1.4	1.4
1916	7.6	180.0	187.6	+1.5	186.1	2.7	N.A.	---	183.4	1.8	1.8
1917	7.5	279.8	287.2	+.9	286.4	2.7	N.A.	---	283.7	2.7	2.7
1918	6.6	344.0	350.6	+.8	349.8	3.0	N.A.	---	346.9	3.3	3.3
1919	19.2	349.6	368.8	-.5	369.3	15.4	N.A.	---	353.9	3.3	3.3
1920	14.2	355.3	369.5	-.4	369.8	6.1	N.A.	---	363.7	3.4	3.4
1921	7.9	207.2	215.1	+1.0	216.1	1.5	N.A.	---	214.6	2.0	2.0
1922	6.4	178.3	184.8	+.1	184.6	1.1	N.A.	---	183.5	1.7	1.7
1923	10.2	217.4	227.6	-.2	227.8	1.5	.6	---	225.7	2.0	2.0
1924	11.8	220.1	231.8	+.2	231.6	1.2	.9	---	229.6	2.0	2.0
1925	12.2	221.8	234.0	+.5	233.4	1.3	.8	---	231.3	2.0	2.0
1926	13.5	229.1	242.6	+.2	242.4	1.9	1.5	---	239.0	2.0	2.0
1927	15.1	262.4	277.5	-.2	277.7	1.9	1.4	---	274.3	2.3	2.3
1928	16.0	300.7	316.7	+.6	316.1	2.0	1.4	---	312.7	2.6	2.6
1929	17.9	338.4	356.2	+1.2	355.1	2.2	1.8	---	351.1	2.9	2.9
1930	13.4	312.2	325.7	+.5	325.1	1.9	1.4	---	321.9	2.6	2.6
1931	5.6	224.3	229.9	-1.9	231.8	1.8	1.4	---	228.6	1.8	1.8
1932	3.4	199.8	203.2	-.1	203.3	1.6	1.3	---	200.4	1.6	1.6
1933	2.6	242.9	245.5	+1.1	244.4	1.5	1.2	---	241.6	1.9	1.9
1934	2.8	261.6	264.4	-.4	264.8	1.6	1.3	---	261.9	2.1	2.1
1935	2.8	378.8	381.6	+.3	381.3	1.4	1.4	---	378.5	3.0	3.0
1936	2.7	390.6	393.3	+1.1	392.2	1.2	1.2	---	389.8	3.0	3.0
1937	1.7	395.7	397.4	.3	397.6	.3	.4	---	396.9	3.1	3.1
1938	1.5	383.7	385.2	-.1	385.3	.2	.5	---	384.6	2.9	2.9
1939	1.4	299.4	300.9	-.6	301.5	.3	.5	---	300.7	2.3	2.3
1940	2.4	318.0	320.4	+.6	319.8	1.2	.5	---	318.1	2.4	2.4
1941	4.8	362.8	367.6	+.2	367.4	3.5	.8	---	363.1	2.7	2.7
1942	64.5	361.3	425.7	+30.2	395.6	28.5	4.1	---	363.0	2.7	2.7
1943	116.5	497.6	614.1	+.8	613.4	1/ 105.7	3.4	2.3	502.0	3.7	3.9
1944	107.6	480.6	588.2	-5.2	593.4	1/ 92.1	.5	2.8	498.0	3.6	3.9
1945	98.9	515.1	614.0	-7.5	621.6	1/ 80.1	3.0	14.4	524.0	3.8	4.0
1946 2/	58.1	514.5	572.5	-17.7	590.2	50.5	1.7	6.0	532.0	3.8	3.8
1947 2/	59.0	686.9	745.9	-1.4	747.2	3/ 27.2	4.5	5.5	710.0	4.9	5.0
1948, 3 mo. 2/	20.5	219.6	240.2	-.9	241.0	3/ 4.5	.8	.8	4/235.0	1.6	4/1.6

Compiled as follows:
Production, Bureau of Internal Revenue.
Apparent change in stocks, residual balancing item.
Exports, 1912-40, tax-free withdrawals for export, Bureau of Internal Revenue; 1941-48, Bureau of the Census.
Shipments, Bureau of the Census. In addition, quantities shipped under special USDA programs, 1942-August 1945, not reported by the Bureau of the Census, are included here.
Military, USDA.
Civilian disappearance, tax-paid withdrawals for use in the United States and Territories, plus tax-free withdrawals for use in Government institutions, minus commercial shipments to Territories.
Totals and per-person estimates computed from unrounded numbers.

1/ Includes American Red Cross procurement for prisoner-of-war packages, as follows: 1943, 8.0 million pounds; 1944, 13.0 million pounds; 1945, 3.9 million pounds.
2/ Preliminary.
3/ Includes an estimated 7.3 million pounds exported in food packages through CARE and other nongovernmental relief agencies in 1947; 2.4 million pounds January-March 1948; does not include quantities mailed abroad by individuals.
4/ In 1938-47, January-March civilian disappearance averaged about 28 percent of total annual disappearance.

Table 7.-Butter, actual weight: Supply and disposition, 1912-48

Year	Supply						Disposition								
	Production			Imports 1/	Cold-storage stocks, Jan. 1	Total supply	Exports	Reexports	Shipments to U. S. Territories	Domestic disappearance					
										Total	Use in Margarine	Direct use as butter			
	Creamery	Farm	Total									Military procurement	Civilian	Military and civilian, per person	Civilian per person
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Pounds	Pounds
1912	722	870	1,592	1		1,592	5	*	3	1,584	2/ 6		1,578	16.4	16.4
1913	767	841	1,608	4		1,612	3	*	3	1,606	2/ 6		1,600	16.3	16.3
1914	786	899	1,685	7		1,692	4	*	3	1,686	3/ 5		1,680	16.8	16.8
1915	780	971	1,751	2		1,752	18	*	3	1,731	3/ 3		1,728	17.1	17.1
1916	825	968	1,793	1	49	1,843	27	*	4	1,766	3/ 3		1,764	17.2	17.2
1917	838	810	1,648	1	46	1,695	7	*	4	1,633	3/ 4		1,629	15.6	15.6
1918	832	632	1,464	2	51	1,516	26	—	3	1,443	3/ 5		1,438	13.6	13.6
1919	939	708	1,646	10	44	1,700	35	*	3	1,608	3/ 6		1,602	15.1	15.1
1920	929	637	1,567	37	54	1,658	17	*	4	1,577	3/ 4		1,573	14.7	14.7
1921	1,132	610	1,741	19	59	1,819	8	1	4	1,757	3/ 1		1,756	16.1	16.1
1922	1,227	644	1,870	7	48	1,926	11	*	4	1,884	1		1,883	17.0	17.0
1923	1,320	666	1,986	24	27	2,036	6	1	4	1,995	2		1,994	17.7	17.7
1924	1,439	643	2,082	19	30	2,132	8	1	4	2,053	2		2,051	17.9	17.9
1925	1,456	619	2,074	7	66	2,147	5	*	3	2,086	2		2,084	17.9	17.9
1926	1,536	620	2,156	8	53	2,217	5	1	3	2,174	2		2,171	18.4	18.4
1927	1,564	607	2,171	8	34	2,214	4	*	3	2,160	2		2,158	18.0	18.0
1928	1,537	577	2,114	5	46	2,165	4	*	4	2,113	3		2,111	17.4	17.4
1929	1,618	542	2,160	3	44	2,207	4	*	4	2,117	3		2,114	17.2	17.2
1930	1,598	523	2,121	2	82	2,205	3	*	4	2,135	2		2,133	17.2	17.2
1931	1,667	544	2,212	2	63	2,277	2	*	5	2,244	*		2,244	18.0	18.0
1932	1,694	581	2,276	1	27	2,303	2	*	5	2,275	*		2,275	18.1	18.1
1933	1,763	580	2,343	1	22	2,366	1	*	5	2,248	*		2,248	17.8	17.8
1934	1,695	559	2,253	1	111	2,366	1		5	2,312	*		2,312	18.2	18.2
1935	1,632	539	2,171	23	47	2,241	1		6	2,195	*		2,195	17.1	17.1
1936	1,629	502	2,131	10	40	2,181	1		5	2,114	—		2,114	16.4	16.4
1937	1,624	472	2,096	11	61	2,169	1		5	2,120	—		2,120	16.4	16.4
1938	1,786	454	2,240	2	43	2,285	2		6	2,148	—		2,148	16.4	16.4
1939	1,782	429	2,210	1	129	2,340	2		7	2,276	—		2,276	17.3	17.3
1940	1,837	403	2,240	1	55	2,296	3		8	2,244	—		2,244	16.9	16.9
1941	1,872	395	2,268	4	41	2,313	3		10	2,185	—	81	2,104	16.3	15.9
1942	1,764	366	2,130	20	114	2,265	15		8	2,216	*	145	2,071	16.4	15.7
1943	1,674	341	2,015	3	25	2,043	100		7	4/ 1,778	—	263	1,515	12.9	11.7
1944	1,489	329	1,818	2	155	1,974	88		9	4/ 1,856	—	312	1,544	13.4	12.0
1945	1,364	337	1,701	4	61	1,765	5/33		9	4/ 1,652	—	251	1,401	11.8	10.8
1946	1,171	334	1,505	7	53	1,565	5/14		5	4/ 1,512	—	79	1,433	10.6	10.3
1947 6/	1,322	316	1,638	4	28	1,669	5/11		6	4/ 1,627	—	28	1,598	11.2	11.2
1948 -															
Jan.-Mar. 6/	246	7/ 65	8/311	*	24		5/ 1		1	7/ 328	—	7/ 5	7/ 323	2.2	2.2

Compiled as follows:

Production --
1912-23, from U. S. Department of Agriculture Technical Bulletin No. 722; 1924-48, from reports of Bureau of Agricultural Economics and Bureau of the Census.
Cold-storage stocks, USDA.
Imports, exports, reexports, and shipments, from Bureau of the Census. Shipments to Territories, 1942-August 1945, include special programs of USDA in addition to shipments reported by Bureau of the Census.
Use in Margarine --
1914-16 and 1920-48 (fiscal-year data before 1922), from Bureau of Internal Revenue.
1917-19 (fiscal year data), from Institute of Margarine Manufacturers.
Military procurement --
1941-48, USDA.
Domestic disappearance computed from data on production, trade, and stocks.
Totals and per-person estimates computed from unrounded numbers.

1/ 1912-33, general imports; beginning 1934, imports for consumption.
2/ Estimate.
3/ Average of data for fiscal years.
4/ Adjusted to allow for changes in cold-storage stocks held by armed forces.
5/ Includes actual weight of butter oil and spreads (Army), not separately reported before 1945.
6/ Preliminary.
7/ Rough estimate.
8/ In 1938-47 production in the first quarter averaged 22 percent of the total for the year.

* Less than 500,000 pounds.

Table 8 : - Oleomargarine: Production in the United States as reported by the U.S. Department of Agriculture, 1917-48

Year	Made from vegetable oils			Made from mixtures of vegetable and animal oils			Total
	Uncolored	Colored	Total	Uncolored	Colored	Total	
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1917	21,803	1	21,804	262,004	6,895	268,899	290,703
1918	89,133	118	89,251	258,004	7,136	265,140	354,391
1919	132,906	9,793	142,699	218,151	10,468	228,619	371,318
1920	189,829	5,338	195,167	163,391	8,928	172,319	367,486
1921	99,265	2,026	101,291	104,587	5,989	110,576	211,867
1922	74,126	1,384	75,510	104,588	4,977	109,565	185,075
1923	93,971	2,808	96,779	121,721	7,078	128,799	225,578
1924	97,871	3,005	100,876	120,053	7,847	127,900	228,776
1925	108,490	4,215	112,705	109,663	8,243	117,906	230,611
1926	116,215	4,934	121,149	108,870	8,575	117,445	238,594
1927	148,576	5,047	153,623	109,471	9,508	118,979	272,602
1928	190,788	5,525	196,313	101,732	9,889	111,621	307,934
1929	215,460	6,172	221,632	109,502	11,096	120,598	342,230
1930	211,130	4,749	215,879	87,017	8,859	95,876	311,755
1931	162,931	2,150	165,081	52,876	3,996	56,872	221,953
1932	155,674	971	156,645	38,604	2,467	41,071	197,716
1933	199,008	703	199,711	40,719	1,801	42,520	242,231
1934	207,468	792	208,260	52,511	2,129	54,640	262,900
1935	329,764	936	330,700	46,087	1,890	47,977	378,677
1936	340,137	1,252	341,389	48,090	1,419	49,509	390,898
1937	349,477	955	350,432	40,320	748	41,068	391,500
1938	340,300	1,026	341,326	38,267	500	38,767	380,093
1939	265,901	1,045	266,946	34,492	392	34,884	301,830
1940	277,375	1,942	279,317	40,881	474	41,355	320,672
1941	309,771	3,725	313,496	50,661	1,052	51,713	365,209
1942	305,650	61,215	366,865	53,759	2,653	56,412	423,277
1943	447,883	108,526	556,409	45,765	7,957	53,722	610,131
1944	446,312	92,925	539,237	33,875	10,654	44,529	583,766
1945	490,881	89,124	580,005	24,438	9,540	33,978	613,983
1946	498,419	56,379	554,798	16,321	1,533	17,854	572,652
1947	661,411	55,725	717,136	20,919	654	21,573	738,709
1948							
Jan-Mar.	213,762	19,765	233,527	5,354	195	5,549	239,076

Reports to USDA on production of oleomargarine are voluntary; those to the Bureau of Internal Revenue (table 6 , columns 1-3) are required by law. The reports to USDA show separately output of oleomargarine from vegetable oils alone and output from mixtures of animal fats and vegetable oils.

Table 9. - Oleomargarine colored and uncolored: Production and number of federally licensed manufacturers, by States, year beginning July, 1937-46

State	Production										Manufacturers 1/									
	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Alabama	150	521	397	293	138	35	526	494	474	948	1	1	1	1	1	1	1	1	2	2
Arizona	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13	---	---	---	---
California	49,126	41,702	38,631	44,186	52,258	65,134	74,590	79,425	54,606	89,176	8	8	8	8	8	10	9	10	8	8
Colorado	398	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---
Georgia	---	1,599	2,937	4,788	8,178	17,016	19,709	19,014	17,778	22,384	---	1	1	1	2	2	2	2	2	3
Illinois	133,924	93,699	89,870	104,349	107,229	156,955	180,784	181,587	175,805	193,157	8	9	9	9	10	10	9	9	9	9
Indiana	42,223	40,916	33,162	37,594	27,341	59,002	51,391	52,767	42,105	43,054	1	1	1	1	1	1	1	1	1	1
Kansas	27,830	22,948	20,868	23,701	23,747	29,531	31,868	36,750	30,918	32,558	4	4	4	4	4	12	4	4	4	4
Maryland	10,708	9,899	9,827	10,702	11,853	16,905	18,155	19,168	17,980	18,548	1	1	2	2	1	1	1	1	1	1
Michigan	19,572	18,788	16,573	16,345	16,728	23,692	22,903	24,974	19,882	21,712	1	1	1	1	1	1	1	1	1	1
Minnesota	1,287	761	584	847	---	---	---	---	---	---	1	1	1	1	---	---	---	---	---	---
Missouri	11,229	8,300	8,587	8,362	10,152	9,514	11,960	13,901	12,975	13,717	2	2	2	2	2	2	2	2	2	2
Nebraska	---	---	---	---	---	---	---	---	---	2,592	---	---	---	---	---	---	---	---	---	1
New Jersey	29,857	20,587	19,374	25,966	29,844	57,898	72,600	60,307	62,605	66,485	2	2	2	3	3	5	4	4	4	4
New York	---	---	---	---	74	226	42	62	131	64	---	---	---	---	2	1	1	1	1	1
North Carolina	---	30	2	---	---	---	---	---	---	---	---	1	1	---	---	---	---	1	1	1
Ohio	79,733	64,543	50,934	50,706	51,678	75,874	88,140	83,209	74,937	85,944	4	4	4	4	4	4	4	4	4	4
Oregon	2,384	1,427	1,424	401	---	---	---	---	---	---	1	1	1	1	---	---	---	---	---	---
Pennsylvania	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---
Rhode Island	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---
South Carolina	---	---	480	1,888	2,651	3,834	4,827	4,577	5,169	5,184	---	---	1	1	1	1	1	1	1	1
Texas	6,983	7,252	10,068	13,806	26,935	32,852	31,530	36,764	35,838	46,880	3	3	3	3	4	7	4	4	4	4
Total	415,404	332,973	303,717	343,935	368,805	548,468	609,026	612,999	551,203	642,406	38	40	42	42	45	71	44	47	45	47

Compiled from annual reports of the Commissioner of Internal Revenue. Total computed from unrounded numbers.

1/ Number of special-tax stamps purchased covering the fiscal year or a portion of the fiscal year. A special-tax stamp is required for each factory. Manufacturers of oleomargarine, as defined by the Internal Revenue Code, include persons who color oleomargarine and subsequently sell it or serve it to paying guests.

Table 10. - Oleomargarine: Withdrawals from manufacturers' stocks, United States, 1919-48

Year	Tax-paid for consumption in the United States and Territories			Tax-free						All withdrawals		
				For Use of the U. S. Government			For export					
	Uncolored	Colored	Total	Uncolored	Colored	Total	Uncolored	Colored	Total	Uncolored	Colored	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1919	346,581	6,523	353,103	45	710	754	3,923	11,505	15,428	350,549	18,738	369,285
1920	351,949	11,107	363,056	10	670	679	3,232	2,869	6,101	355,191	14,646	369,836
1921	207,390	6,579	213,969	---	659	659	757	696	1,454	208,147	7,934	216,082
1922	177,884	4,907	182,791	---	721	721	332	767	1,099	178,216	6,395	184,611
1923	217,054	8,463	225,517	---	770	770	602	930	1,531	217,656	10,163	227,818
1924	219,920	9,727	229,647	2	831	834	6	1,150	1,156	219,928	11,708	231,637
1925	221,226	9,973	231,199	2	902	903	17	1,287	1,304	221,245	12,162	233,406
1926	229,034	10,578	239,612	---	879	879	19	1,882	1,901	229,053	13,339	242,392
1927	262,521	12,131	274,653	2	1,073	1,075	5	1,923	1,928	262,528	15,127	277,656
1928	300,258	12,565	312,822	---	1,216	1,216	---	2,047	2,047	300,258	15,828	316,085
1929	337,315	14,230	351,545	---	1,384	1,384	8	2,155	2,163	337,323	17,769	355,092
1930	311,434	10,376	321,810	---	1,452	1,452	9	1,859	1,869	311,443	13,687	325,131
1931	226,127	2,782	228,909	---	1,085	1,085	2	1,844	1,847	226,129	5,711	231,841
1932	199,825	982	200,807	---	881	881	1/	1,621	1,621	199,825	3,484	203,309
1933	241,742	466	242,208	---	670	670	1/	1,499	1,499	241,742	2,635	244,377
1934	262,039	564	262,603	---	635	635	1/	1,595	1,595	262,039	2,794	264,833
1935	378,487	686	379,173	---	748	748	1/	1,428	1,428	378,487	2,862	381,349
1936	389,581	644	390,226	---	769	769	---	1,195	1,195	389,581	2,608	392,190
1937	395,887	656	396,542	---	757	757	---	333	333	395,887	1,746	397,632
1938	383,788	503	384,291	---	875	875	---	152	152	383,788	1,530	385,318
1939	300,017	297	300,314	3	898	901	2	256	259	300,022	1,451	301,474
1940	317,396	340	317,736	---	897	897	---	1,174	1,174	317,396	2,411	319,807
1941	362,654	582	363,236	8	2,098	2,106	1	2,037	2,038	362,663	4,717	367,380
1942	362,730	977	363,707	7	60,141	60,148	10	3,276	3,286	362,747	64,394	427,141
1943	494,886	5,119	500,004	161	110,278	110,439	---	572	572	495,047	115,969	611,015
1944	480,029	16,008	496,037	36	90,792	90,828	128	1,258	1,386	480,193	108,058	588,251
1945	504,547	20,084	524,631	1,932	72,156	74,089	10,206	6,541	16,747	516,685	98,781	615,467
1946	513,713	18,353	532,066	957	33,340	34,297	141	6,386	6,528	514,811	58,079	572,891
1947	681,544	30,840	712,383	13	10,962	10,976	558	16,495	17,053	682,115	58,297	740,412
1948 - Jan.-Mar. 2/	219,199	15,353	234,552	18	1,025	1,043	---	4,438	4,438	219,217	20,816	240,033

Compiled from annual reports of the Commissioner of Internal Revenue and Internal Revenue Bulletin.

1/ Less than 500 pounds.

2/ Preliminary.

Table 11. - Oleomargarine: Number of retail stores licensed to sell uncolored oleomargarine only, and population per store, by States, year beginning July, 1940-46

State	Retail dealers							Population per dealer						
	1940	1941	1942	1943	1944	1945	1946	1940	1941	1942	1943	1944	1945	1946
	Number	Number	Number	Number	Number	Number	Number	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Alabama	2,857	2,937	3,070	3,152	3,998	5,324	5,606	1.0	1.0	.9	.9	.7	.5	.5
Arizona	1,002	1,099	1,146	1,143	1,189	1,361	1,574	.5	.5	.6	.6	.5	.4	.4
Arkansas	2,425	2,541	2,736	2,877	3,142	4,083	4,561	.8	.8	.7	.6	.6	.5	.4
California	11,987	12,391	13,172	13,698	15,815	18,451	20,120	.6	.6	.6	.6	.6	.5	.5
Colorado	2,289	2,319	2,340	2,260	2,425	2,750	2,867	.5	.5	.5	.5	.5	.4	.4
Connecticut	901	968	1,197	2,049	2,387	2,335	2,852	1.9	1.8	1.5	.9	.8	.9	.7
Delaware	352	418	430	563	719	690	731	.8	.6	.6	.5	.4	.4	.4
District of Columbia	674	679	834	908	991	1,133	1,212	1.1	1.2	1.0	1.0	.9	.8	.7
Florida	3,874	3,676	3,661	3,873	4,570	5,149	5,711	.5	.6	.6	.6	.5	.4	.4
Georgia	3,518	3,607	3,516	4,311	5,075	6,275	7,000	.9	.9	.9	.7	.6	.5	.5
Idaho	5	14	109	161	241	250	255	107.0	38.2	4.9	3.3	2.1	2.0	2.0
Illinois	13,825	13,492	14,404	15,743	16,698	17,838	18,350	.6	.6	.5	.5	.5	.4	.4
Indiana	8,540	8,261	8,197	8,186	8,740	9,674	9,906	.4	.4	.4	.4	.4	.4	.4
Iowa	1,548	1,586	3,249	3,514	3,612	3,908	4,057	1.6	1.6	.8	.7	.7	.6	.6
Kansas	4,926	5,047	4,599	4,232	4,335	4,760	4,927	.4	.4	.4	.4	.4	.4	.4
Kentucky	4,266	4,378	4,500	4,521	4,915	6,213	6,748	.7	.6	.6	.6	.5	.4	.4
Louisiana	2,986	3,118	3,262	3,595	4,619	4,712	5,466	.8	.8	.8	.7	.5	.5	.5
Maine	1,984	1,988	2,206	2,426	2,631	2,907	3,037	.4	.4	.4	.3	.3	.3	.3
Maryland	2,961	2,882	3,379	3,779	3,921	4,502	4,676	.6	.7	.6	.5	.5	.5	.5
Massachusetts	3,436	3,171	5,082	6,257	6,941	8,204	7,111	1.3	1.4	.8	.7	.6	.5	.7
Michigan	10,116	9,648	10,816	11,416	12,491	14,533	14,239	.5	.6	.5	.5	.4	.4	.4
Minnesota	1,432	1,580	1,811	2,367	2,471	2,004	2,006	2.0	1.7	1.5	1.1	1.1	1.4	1.4
Mississippi	1,552	1,620	1,765	1,735	2,135	2,654	3,057	1.4	1.4	1.3	1.3	1.0	.8	.7
Missouri	8,224	8,090	8,020	7,960	8,447	9,849	10,398	.5	.5	.5	.5	.4	.4	.4
Montana	34	41	51	59	98	96	85	16.4	13.2	10.0	8.0	4.6	4.8	5.7
Nebraska	2,535	2,507	2,399	2,207	2,228	2,399	2,593	.5	.5	.5	.6	.6	.5	.5
Nevada	167	208	233	233	241	233	292	.7	.6	.6	.6	.6	.6	.5
New Hampshire	875	828	1,099	1,295	1,376	1,474	1,558	.6	.6	.4	.4	.3	.3	.3
New Jersey	3,364	3,823	4,332	6,458	6,257	6,431	6,442	1.2	1.1	1.0	.6	.6	.6	.7
New Mexico	713	762	740	728	971	642	1,349	.7	.7	.7	.7	.5	.8	.4
New York	10,615	11,411	15,977	17,566	19,795	16,400	20,725	1.3	1.2	.8	.7	.6	.8	.7
North Carolina	2,798	2,993	3,106	3,584	4,090	5,002	5,587	1.3	1.2	1.2	1.0	.9	.7	.7
North Dakota	---	---	36	70	59	12	---	---	---	15.5	7.5	8.7	43.9	---
Ohio	14,285	13,798	14,455	15,487	16,145	18,305	18,806	.5	.5	.5	.4	.4	.4	.4
Oklahoma	793	1,167	4,314	4,289	4,763	5,582	6,255	2.8	1.8	5.1	5.1	4.4	3.9	3.6
Oregon	2,788	2,753	2,770	2,631	2,977	3,425	3,727	.4	.4	.4	.5	.4	.4	.4
Pennsylvania	3,485	3,257	3,510	4,926	5,770	5,765	10,650	2.8	3.0	2.7	1.9	1.6	1.7	1.0
Rhode Island	650	632	835	1,207	1,351	1,424	1,565	1.1	1.1	.9	.6	.6	.5	.5
South Carolina	1,937	1,816	2,025	2,497	2,698	3,486	3,856	1.0	1.1	1.0	.8	.7	.5	.5
South Dakota	14	33	218	418	556	372	442	44.5	17.9	2.6	1.3	1.0	1.5	1.3
Tennessee	2,147	2,535	2,837	3,172	3,636	4,941	5,411	1.4	1.2	1.0	.9	.8	.6	.6
Texas	9,408	9,832	10,256	11,363	11,157	13,564	15,167	.7	.7	.7	.6	.6	.5	.5
Utah	372	549	666	703	849	863	991	1.5	1.1	.9	.9	.7	.7	.6
Vermont	387	370	420	636	692	895	1,006	.9	.9	.8	.5	.5	.4	.4
Virginia	3,781	3,773	3,975	3,907	4,352	5,568	5,892	.7	.8	.8	.8	.7	.5	.5
Washington	63	52	45	128	120	132	117	28.3	36.0	43.9	16.1	17.7	16.7	19.2
West Virginia	4,446	4,395	4,458	4,511	4,741	5,532	6,034	.4	.4	.4	.4	.4	.3	.3
Wisconsin	—	—	4	518	711	410	150	---	---	755.0	5.8	4.2	7.5	21.5
Wyoming	340	350	---	360	384	399	385	.8	.8	---	.7	.7	.6	.7
Total	161,677	163,395	182,262	199,679	218,525	242,911	265,552	.8	.8	.7	.7	.6	.6	.5

Number of stores from annual reports of the Commissioner of Internal Revenue; population per store calculated from January 1 population, by States, interpolated between July 1 estimates, from reports of Bureau of the Census.

Table 12.- Oleomargarine: Number of retail stores licensed to sell colored or uncolored oleomargarine, and population per store, by States, year beginning July, 1940-46

State	Retail dealers							Population per dealer						
	1940	1941	1942	1943	1944	1945	1946	1940	1941	1942	1943	1944	1945	1946
	Number	Number	Number	Number	Number	Number	Number	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Alabama	---	---	5	40	58	109	252	---	---	563.2	69.7	47.1	25.3	11.8
Arizona	---	---	---	---	5	---	---	---	---	---	---	119.2	---	---
Arkansas	---	---	2	3	72	72	112	---	---	951.0	622.9	25.7	25.9	16.9
California	---	---	---	---	---	1	---	---	---	---	---	---	9,315.2	---
Colorado	---	---	---	---	93	67	35	---	---	---	---	11.8	16.5	32.8
Delaware	---	---	---	---	3	---	---	---	---	---	---	91.7	---	---
District of Columbia	6	3	3	8	21	11	11	120.2	264.6	284.5	111.1	42.2	78.3	77.5
Florida	---	---	---	164	437	534	510	---	---	---	14.1	5.3	4.3	4.6
Georgia	---	---	3	102	113	165	202	---	---	1,060.5	30.9	27.3	18.7	15.7
Illinois	---	1	1	---	4	3	2	---	7,884.6	7,777.6	---	1,884.1	2,585.9	4,062.5
Indiana	1	1	1	40	242	288	604	3,457.8	3,498.5	3,533.2	88.2	14.5	12.6	6.3
Kansas	2	5	11	54	389	284	287	897.2	359.8	164.5	33.6	4.6	6.4	6.6
Kentucky	---	---	1	2	9	13	140	---	---	2,764.2	1,356.0	292.8	205.5	19.7
Louisiana	---	---	1	53	241	180	296	---	---	2,527.2	47.6	10.2	13.7	8.6
Maryland	22	16	36	89	135	85	58	85.1	12[illegible].5	55.3	22.6	15.0	24.7	37.9
Massachusetts	---	---	---	---	---	1	2	---	---	---	---	---	4,387.7	2,328.8
Michigan	---	---	---	---	---	110	---	---	---	---	---	---	53.0	---
Mississippi	---	---	1	16	22	28	63	---	---	2,324.2	143.3	99.1	75.4	33.3
Missouri	4	4	16	58	218	156	180	954.4	966.4	239.7	63.7	16.4	23.5	21.2
Nebraska	---	---	---	---	---	---	35	---	---	---	---	---	---	36.8
New Jersey	1	1	2	1	3	1	1	4,170.5	4,181.2	2,095.3	4,192.9	1,350.1	4,108.2	4,369.5
New Mexico	---	---	3	7	53	19	8	---	---	175.6	75.1	10.0	28.0	67.4
New York	---	---	---	---	---	4	---	---	---	---	---	---	3,319.9	---
North Carolina	---	---	---	16	---	19	40	---	---	---	227.4	---	188.3	92.0
Ohio	---	---	---	1	5	4	1	---	---	---	6,798.4	1,368.5	1,796.8	7,644.4
Oklahoma	---	---	7	106	353	356	461	---	---	313.0	20.5	5.9	6.1	4.9
Pennsylvania	---	---	---	1	11	1	---	---	---	---	9,342.6	842.7	9,661.2	---
Rhode Island	---	---	---	---	---	1	---	---	---	---	---	---	739.1	---
South Carolina	---	---	---	40	99	113	144	---	---	---	48.9	19.5	16.9	13.3
Tennessee	---	---	---	---	---	1	2	---	---	---	---	---	2,910.4	1,519.2
Texas	---	---	35	304	1,147	1,288	1,618	---	---	194.7	22.7	5.9	5.3	4.4
Virginia	1	1	1	6	58	23	21	2,767.6	2,900.2	2,988.9	502.7	51.6	128.8	143.0
Washington	---	---	---	---	1	11	---	---	---	---	---	2,123.4	200.6	---
West Virginia	---	---	4	21	46	33	17	---	---	456.7	82.8	36.9	53.0	107.5
Wisconsin	---	---	---	---	4	---	---	---	---	---	---	738.7	---	---
Total	37	32	133	1,132	3,842	3,981	5,102	3,581.3	4,169.3	1,013.0	117.7	34.4	34.2	27.8

Number of stores from annual reports of the Commissioner of Internal Revenue; population per store calculated from January 1 population, by States, interpolated between July 1 estimates, from reports of the Bureau of the Census.

Table 13.- Oleomargarine: State taxes and license fees in effect on July 1, 1948

State	Excise tax, per pound, on-- Colored oleomargarine	Uncolored oleomargarine	Oleomargarine containing foreign materials 1/	Oleomargarine not containing minimum percentage of animal fats 2/	Use tax, per pound, on oleomargarine purchased outside the State by-- Consumers	Other users	License fee, annual rate 3/, payable by-- Manufacturers	Wholesalers	Retailers	Hotels and restaurants	Bakeries	Boarding houses	Consumers who purchase oleomargarine outside the State
	Cents	Cents	Cents	Cents	Cents	Cents	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
California	(P)	---	---	---	---	---	100	50	---	4/ 2	---	2	---
Colorado	---	---	10	---	---	---	25	25	---	---	---	---	---
Connecticut	(P)	---	---	---	---	---	100	50	6	3	3	---	---
Florida	---	---	10	---	---	---	---	---	---	---	---	---	---
Georgia	---	---	10	---	---	---	---	---	---	---	---	---	---
Idaho	(P),10	5	---	---	---	---	---	200	50	---	---	---	---
Iowa	(P)	5	---	---	---	---	---	---	---	---	---	---	---
Kansas	---	---	10	---	---	---	---	---	---	---	---	---	---
Louisiana	---	---	12	---	---	---	---	---	---	---	---	---	---
Maine	---	---	10	---	---	---	---	---	---	---	---	---	---
Massachusetts	5/	---	---	---	---	---	---	---	0.50	---	---	---	---
Minnesota	(P)	---	6/10	10	---	---	1	1	1	---	---	---	---
Mississippi	---	---	---	---	---	---	---	7/ 100	7/ 10	---	---	---	---
Montana	(P)	---	---	---	---	---	---	1,000	400	---	---	---	---
Nebraska	---	---	---	---	---	---	100	25	1	---	---	---	---
North Carolina	---	---	10	---	---	---	---	75	---	---	---	---	---
North Dakota	10	10	---	---	---	---	8/ 10	8/ 5	8/ 2	---	---	---	---
Pennsylvania	(P)	---	---	---	---	---	2	2	2	2	---	2	---
South Carolina	---	---	10	---	---	---	---	---	---	---	---	---	---
South Dakota	(P)	10	---	---	---	---	---	---	---	---	---	---	---
Tennessee	10	---	10	---	---	---	300	75	5	---	---	---	---
Texas	---	---	10	---	---	---	---	---	---	---	---	---	---
Utah	10	5	---	---	---	---	---	---	---	---	---	---	---
Vermont	(P)	9/	---	---	---	---	---	25	9/	---	---	---	---
Washington	(P)	15	---	---	---	---	---	---	---	---	---	---	---
Wisconsin	(P)	15	---	---	6	15	1,000	500	25	25	10/ 5	5	11/ 1
Wyoming	(P)	---	---	10	---	---	---	---	---	---	---	---	---

Compiled from synopses of State laws prepared by the National Association of Margarine Manufacturers.

1/ Tax applies to oleomargarine not made from oils and fats (specifically named by the statute) that are largely derived from domestic materials.

2/ The minimum is 66 percent in Minnesota and 21 percent in Wyoming.

3/ Required for each place of business; payable annually except in Montana, where one-fourth of the annual rate is due each quarter.

4/ Public eating places.

5/ Prohibition against sale of colored oleomargarine repealed effective September 1, 1948.

6/ Oleomargarine containing soybean oil is also subject to the tax.

7/ Wholesalers' and retailers' license fees are due only if oleomargarine made from foreign materials is sold.

8/ Biennial fee.

9/ Retailers pay a license fee graduated from $2 to $100 on the basis of volume of sales. The fee probably averages between 0.2 and 0.3 cent per pound of oleomargarine sold.

10/ Including confectioneries.

11/ Including both consumers and other users.

(P) Sale of colored oleomargarine prohibited. Sale of colored oleomargarine is also prohibited in Delaware, Illinois, Michigan, New Hampshire, New York, Ohio, and Oregon.

Table 14.-Oleomargarine: Materials used in manufacture, United States, 1913-48

Item	Average 1913-16 1/	1917-21 1/	1922-26	1927-31	1932-36	1937-41	1942-46	1946	1947	Jan. - Mar. 1948
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Domestic vegetable oils:										
Cottonseed oil 2/	40,804	29,541	20,688	25,040	59,097	136,206	222,164	222,830	322,601	128,225
Soybean oil 2/	2,444	92	7	578	3,207	61,052	189,994	200,732	227,678	57,950
Peanut oil	5,723	27,332	5,855	5,541	3,280	2,572	8,358	13,794	17,498	1,763
Corn oil	252	212	194	63	334	780	6,952	6,589	6,650	121
Linseed oil	---	---	---	---	---	---	939	---	---	---
Other 3/	307	1,334	217	35	8	2	271	---	---	---
Total	49,530	58,511	26,960	31,256	65,925	200,612	428,677	443,945	574,427	188,059
Animal fats:										
Oleo oil	4/ 69,564	74,868	46,699	40,046	17,195	14,060	12,611	2,545	3,298	923
Neutral lard	2/ 31,014	37,249	27,472	19,576	6,213	3,593	2/ 7,285	2,058	3,146	1,135
Oleostearine	1,989	3,489	5,084	5,617	3,289	3,234	2,808	2,086	3,700	771
Oleo stock	965	4,776	2,729	1,356	1,415	1,414	2,098	335	649	123
Butter	4,071	3,936	1,734	1,981	12	---	1	---	---	---
Other 5/	169	47	55	62	---	58	171	18	---	---
Total	107,773	124,365	83,772	68,638	28,123	22,359	24,973	7,042	10,793	2,952
Foreign vegetable oils:										
Coconut oil	5,200	74,541	80,298	155,809	144,355	50,682	3,600	6/ 14,508	6/ 21,214	6/ 3,732
Babassu oil	---	---	---	---	3,590	9,438	66	---	---	---
Palm-kernel oil	---	---	75	31	565	2,824	---	---	---	---
Palm oil 2/	---	---	311	1,317	455	1,233	282	---	---	---
Sesame oil	203	---	179	72	27	7/	---	---	---	---
Sunflower oil	---	---	14	---	21	---	158	---	----	---
Other	---	---	---	---	8/ 90	9/ 14	---	---	---	---
Total	5,402	74,541	80,877	157,229	149,103	64,192	4,106	14,508	21,214	3,732
Total fats and oils	162,706	257,417	191,609	257,123	243,152	287,163	457,756	465,495	606,434	194,743
Other materials:										
Milk	10/ 33,793	67,757	64,877	34,058	65,811	66,591	96,391	96,046	126,209	40,446
Salt	8,356	21,240	19,928	24,950	16,710	14,558	17,950	17,789	23,156	7,826
Derivative of glycerine	---	---			767	941	974	1,009	1,216	391
Lecithin	---	---			11	114	537	688	912	343
Monostearine	---	---			---	48	401	497	826	239
Soda (benzoate of)	---	---			126	144	350	391	544	176
Vitamin concentrate	---	---			---	18	108	103	121	38
Color	10	7			3	2	65	37	45	15
Estearine	---	---			---	---	56	71	---	---
Miscellaneous	120	1,335			48	1	18	14	18	23
Total	42,279	90,339	84,805	109,008	83,476	82,417	116,851	116,645	153,047	49,497
Total, all materials	204,985	347,756	276,414	366,131	326,628	369,581	574,607	582,140	759,481	244,240

Compiled as follows: 1913-16, from records of the Bureau of Internal Revenue; 1917-19, from Institute of Margarine Manufacturers; 1920-47, from reports of the Bureau of Internal Revenue. Annual totals on a calendar-year basis are not published by the Bureau of Internal Revenue, but are computed by the Bureau of Agricultural Economics from monthly data published in Internal Revenue Bulletin.

1/ Year beginning July.
2/ Includes small quantities of stearine and flakes, 1938-47.
3/ Mustardseed oil, vegetable-oil stearine not speicfied by kind, and unspecified vegetable oils.
4/ Includes mutton oil.
5/ Marrow oil, tallow oil, edible tallow, beef fat, and oleostearine oil.
6/ Used in oleomargarine for export: 14,508,000 pounds in 1946, 7,751,000 pounds in 1947, and 855,000 pounds in January-March 1948.
7/ Less than 500 pounds.
8/ Ouricury oil and rapeseed oil.
9/ Rice oil.
10/ Includes 2,747,000 pounds of cream

Table 15.-Use of specified oils and fats in the manufacture of oleomargarine as a percentage of total use of all oils and fats, United States, 1913-48

Item	Average							1946	1947	Jan.-Mar. 1948
	1913-16 1/	1917-21 1/	1922-26	1927-31	1932-36	1937-41	1942-46			
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Domestic vegetable oils:										
Cottonseed oil	25.1	11.5	10.7	9.7	21.8	47.4	48.4	47.9	53.2	65.8
Soybean oil	1.5	2/	2/	.2	1.0	21.3	41.3	43.1	37.5	29.8
Peanut oil	3.5	10.6	3.2	2.2	1.4	.9	1.8	3.0	2.9	.9
Corn oil	.2	.1	.1	2/	.1	.3	1.5	1.4	1.1	.1
Linseed oil	---	---	---	---	---	---	.2	---	---	---
Other	.2	.5	---	---	---	2/	.1	---	---	---
Total	30.5	22.7	14.1	12.1	24.3	69.9	93.3	95.4	94.7	96.6
Animal fats:										
Oleo oil	42.8	29.0	24.5	15.4	7.3	4.9	3.0	.6	.6	.4
Neutral lard	19.0	14.5	14.6	7.6	3.0	1.3	1.6	.4	.5	.6
Oleostearine	1.2	1.4	2.7	2.2	1.5	1.1	.6	.4	.6	.4
Oleo stock	.6	1.9	1.4	.5	.6	.5	.5	.1	.1	.1
Butter	2.5	1.5	.9	.8	2/	---	2/	---	---	---
Other	.1	2/	---	---	---	2/	2/	2/	---	---
Total	66.2	48.3	44.1	26.5	12.4	7.8	5.7	1.5	1.8	1.5
Foreign vegetable oils:										
Coconut oil	3.2	29.0	41.5	60.9	61.8	17.6	.8	3.1	3.5	1.9
Babassu oil	---	---	---	---	1.1	3.3	2/	---	---	---
Palm-kernel oil	---	---	2/	2/	.2	1.0	---	---	---	---
Palm oil	---	---	.2	.5	.2	.4	.1	---	---	---
Sesame oil	.1	---	---	---	---	---	---	---	---	---
Sunflower oil	---	---	---	---	---	---	.1	---	---	---
Other	---	---	---	---	---	2/	---	---	---	---
Total	3.3	29.0	41.8	61.4	63.3	22.3	1.0	3.1	3.5	1.9
Total fats and oils	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Based on data shown in table 14.

1/ Year beginning July.

2/ Less than 0.05 percent.

Table 16.- Imports and exports of fats, oils, oil-bearing materials, and fat-and-oil products, in terms of oil, average 1937-41, annual 1947, and January-April 1947 and 1948

Item	Imports for consumption				Exports 1/			
	Average 1937-41	1947	January - April 1947	January - April 1948 2/	Average 1937-41	1947	January - April 1947	January - April 1948 2/
	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.
Food fats and oils								
Butter	3.8	3.8	3.8	3/	9.5	4/ 17.3	4/ 2.7	4/ 3.9
Lard	3/	3/	3/	3/	272.7	415.6	140.9	130.4
Oleo oil	---	---	---	---	3.8	.1	.1	.1
Oleo stock	---	---	---	---	2.9	1.4	3/	3/
Stearine, animal, edible	1.0	---	---	---	.3	.2	3/	---
Tallow, edible	2.9	---	---	---	.2	.6	.1	1.2
Total, edible animal fats	7.7	3.8	3.8	3/	289.4	435.2	143.8	135.6
Corn oil	14.2	---	---	---	.3	.4	3/	3/
Cottonseed oil	72.1	1.0	3/	1.4	11.0	12.8	1.4	20.8
Cottonseed (15.5 percent)	---	---	---	---	---	2.1	1.8	1.3
Olive oil, edible	48.5	11.2	3.7	11.3	---	.1	.1	3/
Peanut oil	16.1	.1	.1	.1	2.4	2.2	3/	.7
Peanuts, shelled (43 percent)	---	---	---	---	---	74.8	33.9	72.8
Sesame oil	9.9	.2	.1	1.0	---	---	---	---
Sesame seed (47 percent)	4.8	4.5	2.4	2.1	---	---	---	---
Soybean oil	7.0	.1	3/	.2	10.5	110.0	18.5	44.0
Soybeans (15 percent)	---	---	---	3/	30.9	22.5	11.1	15.8
Sunflower oil	.8	3/	---	3/	5/	.1	3/	---
Teaseed oil	10.0	6.4	1.9	.5	---	---	---	---
Vegetable oils, shipments to U.S. Territories	---	---	---	---	8.5	8.3	4.4	2.7
Total, edible vegetable oils	183.4	23.5	8.2	16.6	63.6	233.3	71.2	158.1
Soap fats and oils								
Fish oils	2.6	3.1	1.9	6.3	2.7	10.9	1.9	4.6
Greases	---	3/	3/	3/	4.5	14.3	2.3	3.1
Marine mammal oils	25.4	14.9	4.4	3/	2.9	.1	3/	3/
Olive oil "foots"	20.2	---	---	6.2	---	.1	3/	.1
Olive oil, inedible	5.5	.2	.2	.1	---	3/	3/	3/
Palm oil	301.2	63.2	14.4	17.7	17.3	11.7	2.7	4.6
Tallow, inedible	7.7	1.1	.3	.4	1.5	55.1	6.5	8.3
Total, slow-lathering oils	362.6	82.5	21.2	30.7	28.9	92.2	13.4	20.7
Babassu oil	.4	1.7	.6	1.2	---	---	---	---
Babassu kernels (63 percent)	48.9	14.0	10.2	16.3	---	---	---	---
Coconut oil	362.8	23.6	9.3	32.7	33.4	61.6	22.0	12.5
Copra (63 percent)	335.9	853.9	328.2	248.9	27.8	21.7	13.9	.2
Murumuru kernels (36 percent)	1.2	3/	3/	---	---	---	---	---
Palm-kernel oil	28.8	2.4	---	5.3	---	---	---	---
Palm-nut kernels (45 percent)	14.8	3/	3/	3/	---	---	---	---
Tucum kernels (43 percent)	2.4	7.3	2.2	3.7	---	---	---	---
Total lauric-acid oils	795.2	902.9	350.5	308.1	61.2	83.3	35.9	12.7
Drying oils								
Flaxseed (34 percent)	351.7	5.5	1.2	.3	---	.3	.1	.3
Linseed oil	.1	117.3	52.4	2.8	3.3	24.0	.3	4.9
Oiticica oil	16.0	8.5	5.7	4.3	---	---	---	---
Perilla oil	28.9	---	---	---	---	---	---	---
Perilla seed (37 percent)	.5	---	---	---	---	---	---	---
Tung oil	100.4	121.6	50.6	52.6	5.0	7.2	1.8	2.6
Total drying oils	497.6	252.9	109.9	60.0	8.3	31.5	2.2	7.8
Other industrial oils and fats								
Cashew-nut shell liquid (oil)	2.7	3.4	1.2	2.7	---	---	---	---
Castor oil	.5	6.6	5.8	1.1	1.0	3.4	.3	.4
Castor beans (45 percent)	95.0	124.6	46.8	49.2	---	---	---	---
Fish-liver oils	46.7	17.0	5.1	9.2	---	9.2	3.1	2.8
Japan wax (tallow)	3.0	---	---	3/	---	---	---	---
Neat's-foot oil	---	.1	3/	3/	.6	1.1	.1	3/
Rapeseed oil	10.3	5.8	2.5	2.7	---	3/	3/	3/
Vegetable tallow	2.7	.1	---	---	---	---	---	---
Wool grease	3.0	.1	3/	3/	---	---	---	---
Other vegetable oils and fats	---	.1	3/	.5	13.2	2.0	.2	.7
Total, other industrial	163.9	157.8	61.4	65.4	14.8	15.7	3.7	3.9
Manufactured products (fat content)								
Margarine 6/	1.9	---	---	.1	1.3	19.9	8.0	2.7
Shortening	1.4	3/	3/	3/	8.0	10.3	4.8	3.0
Soap	2.8	.4	.3	.2	30.8	62.4	22.3	13.3
Total, manufactured products	6.1	.4	.3	.3	40.1	92.6	35.1	19.0
Exports through private relief agencies	---	---	---	---	---	24.3	4.9	9.7
Grand total 7/	2,016.7	1,423.6	555.3	481.3	506.3	1,008.4	310.4	367.5

Compiled from Monthly Summary of Foreign Commerce of the United States, records of the Bureau of the Census, and reports of the U. S. Department of Agriculture.

1/ Includes shipments to U. S. territories of butter, lard, and manufactured products; reexports of coconut, palm, and tung oils, olive-oil foots, and copra; and reexports in 1947 of certain quantities of linseed oil reported in imports for consumption. 2/ Preliminary. 3/ Less than 50,000 pounds. 4/ Includes actual weight of butter oil and spreads (Army). These were not reported separately prior to 1945. 5/ Not reported separately. 6/ Imported margarine goes largely to Puerto Rico and the Virgin Islands. 7/ Computed from unrounded numbers.

Table 17.- Fats and oils, including oleomargarine and shortening: Factory production from domestic and imported materials, January-April 1948, and factory and warehouse stocks at the end of month, April 1948, with comparative data

Items grouped by major use	Production				Stocks (crude basis)		
	April 1947	April 1948	January-April 1947	January-April 1948	April 30, 1947	March 31, 1948	April 30, 1948
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Food fats and oils							
Butter 1/	116.5	100.0	416.4	346.2	9.2	3.5	4.4
Lard and rendered pork fat 2/	128.4	108.2	611.0	565.5	195.0	182.3	187.4
Oleo oil, edible animal stearine, and edible tallow	15.9	6.6	70.4	43.8	22.6	12.0	9.2
Total edible animal fats	260.8	214.8	1,097.8	955.5	226.8	197.8	201.0
Corn oil 3/	21.8	14.7	86.6	63.1	27.4	16.0	13.1
Cottonseed oil 3/	53.5	67.5	344.6	467.0	275.8	283.0	239.9
Olive oil, edible	---	.1	1.9	2.3	3.6	2.3	2.9
Peanut oil 3/	17.0	12.0	77.5	53.6	51.6	34.9	32.8
Sesame oil	4/	4/	4/	4/	2.3	.2	.5
Soybean oil 3/	141.5	134.0	579.1	566.2	186.5	205.0	194.0
Total edible vegetable oils	233.8	228.3	1,089.7	1,152.2	547.2	541.4	483.2
Soap fats and oils							
Tallow, inedible	96.6	96.8	368.6	382.9	127.9	179.5	202.0
Grease, excluding wool grease	44.7	43.5	183.7	182.3	62.7	121.2	118.6
Palm oil 3/	---	---	---	---	13.7	22.4	20.4
Fish oil	1.1	.7	3.5	2.3	50.4	38.6	35.4
Marine mammal oils	---	---	---	---	6.3	11.3	9.4
Olive oil, inedible and "foots"	---	4/	4/	4/	.5	5/ .1	5/ .1
Total slow-lathering oils	142.4	141.0	555.8	567.5	261.5	373.1	385.9
Babassu oil 3/	4/	3.4	4/	5/11.5	3.2	6/ 7.9	6/ 4.5
Coconut oil 3/	74.0	51.1	279.7	264.5	145.2	108.9	111.7
Palm-kernel oil 3/	4/	4/	4/	4/	4/	4/	4/
Total lauric-acid oils	74.0	54.5	279.7	276.0	148.4	116.8	116.2
Drying oils							
Castor oil, dehydrated 7/	4.4	3.8	14.6	14.7	10.0	7.2	6.8
Linseed oil	28.8	49.0	125.6	204.4	131.8	135.7	134.5
Oiticica oil	---	---	---	---	5.3	1.6	3.2
Tung oil	2.0	2.7	8.7	10.6	48.2	50.9	52.6
Total drying oils	35.2	55.5	148.9	229.7	195.3	195.4	197.1
Other industrial oils and fats							
Neat's-foot oil	.2	.1	.8	.6	1.0	1.3	.9
Wool grease	2.0	2.0	7.7	7.6	7.3	8.5	8.2
Cod oil and fish-liver oils	.5	.3	1.9	1.1	9.6	11.1	10.2
Castor oil, No. 1 and No. 3 8/	6.3	8.0	33.8	35.2	20.2	26.4	29.7
Rapeseed oil	4/	---	4/	---	6.2	6.4	7.0
Other vegetable oils	2.7	2.6	9.4	7.9	5.6	9.7	14.6
Total	11.7	13.0	53.6	52.4	49.9	63.4	70.6
Grand total, primary fats and oils 9/	757.9	707.1	3,225.3	3,233.4	1,429.2	1,487.8	1,453.9
Oleomargarine 10/	46.7	74.1	252.5	314.2	N.A.	5.7	4.1
Shortening	99.9	128.0	499.5	475.1	66.2	59.6	51.4

Compiled from reports of the Bureau of the Census, except as noted. Data include stocks held by the Government in reported positions.

1/ Creamery butter production and cold-storage stocks, U. S. Department of Agriculture.

2/ Federally inspected production, USDA.

3/ Stocks, crude oil plus refined oil converted to crude basis by dividing by the following factors: Babassu, corn, cottonseed, palm, and palm-kernel oils, 0.93; coconut, peanut, and soybean oils, 0.94.

4/ Included in "Other vegetable oils."

5/ Incomplete; partly included in "Other vegetable oils."

6/ Crude oil only.

7/ Converted to crude basis by dividing by 0.88.

8/ Estimated quantity used in manufacture of dehydrated castor oil excluded from production.

9/ Computed from unrounded numbers.

10/ Bureau of Internal Revenue.

Table 18. - Price received by farmers and prices at terminal markets for specified oil-bearing materials and oilmeals, May 1946 and 1947, March-May 1948

Item	Unit	May 1946	May 1947	1948 March	1948 April	1948 May
		Dollars	Dollars	Dollars	Dollars	Dollars
				Oil-bearing Materials		
astor beans, Brazilian ports ...	Long ton	1/118.00	200.60	175.00	167.00	150.00
opra, Philippine, c.i.f. Pacific Coast ...	Short ton	---	177.50	297.50	307.50	320.00
Cottonseed, United States average	" "	49.60	83.70	87.90	89.40	90.70
Flaxseed, No. 1, Minneapolis	Bushel	3.27	6.30	6.19	6.04	6.09
Flaxseed, United States average..	"	2.89	6.01	5.86	5.76	5.81
Peanuts, No. 1, shelled, Spanish, Southeastern shipping points ..	100 lb.	14.75	15.88	16.75	16.88	16.88
Peanuts, United States average...	"	8.90	10.00	10.10	10.20	10.40
Soybeans, No. 2 Yellow, Chicago.	Bushel	---	---	3.59	3.86	4.02
Soybeans, United States average..	"	2.16	3.01	3.23	3.64	3.74
				Oilseed Meals 2/		
Copra meal, Los Angeles 3/.......	Short ton	57.00	65.25	82.20	83.60	90.10
Cottonseed meal, 41 percent protein, Memphis ...	" "	59.25	64.60	81.15	80.55	80.55
Cottonseed meal, 41 percent protein, Chicago ...	" "	65.25	---	90.95	88.90	89.62
inseed meal, 34 percent protein, Minneapolis ...	" "	4/ 55.80	69.10	77.00	72.10	71.25
Linseed meal, 34 percent protein, New York ...	" "	59.50	81.40	89.90	84.25	83.90
Peanut meal, 45 percent protein, f.o.b. Southeastern mills	" "	60.25	61.80	85.50	85.25	81.60
Soybean meal, 41 percent protein, Chicago ...	" "	62.50	68.55	84.75	86.20	86.60

Compiled from Oil, Paint and Drug Reporter, Daily Market Record (Minneapolis), Chicago Journal of Commerce, reports of the Bureau of Agricultural Economics, and records of Production and Marketing Administration.

1/ C.i.f. first port of arrival.
2/ Bagged, carlots.
3/ Original quotations adjusted to bagged-carlots basis.
4/ 32 percent protein.

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